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नेपाल भौगर्भिक समाज

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NEWS BULLETIN  
OF  
NEPAL GEOLOGICAL SOCIETY

NEPAL GEOLOGICAL SOCIETY

(ESTD. 1980)

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## Editorial

The Editorial Board is very happy to bring out this New Bulletin (volume 19) of Nepal Geological Society on the happy occasion of the New Year 2059 (B.S.). Nepal Geological Society likes to express a very happy and prosperous new year to all our members and well-wishers. May the New Year 2059 bring peace, prosperity and happiness to all the Nepalese people.

The Bulletin is one of the two regular publications of Nepal Geological Society. Whereas the Journal of Nepal Geological Society is purely a scientific publication used by geoscientists, the News Bulletin is targeted to a wider section of the society. It provides information about the main activities of the society that took place during the last one year, forthcoming events and activities, decisions made by the General Body Meeting of the Society, provide topical articles of public and scientific interest, and include abstracts presented in the ISDR (International Strategy for Disaster Reduction) Day. One of the main objectives of this publication is also to provide information to the general public about the role and contributions of geology in national development.

Our readers may notice that the size and format of the bulletin has been changed from this volume. It is now larger and has the same size as that of the journal of Nepal Geological Society. Over the years, we have tried our best to make the bulletin more informative and interesting both for our members as well as to general readers. We highly welcome our members and others to contribute articles for the bulletin.

The Editorial Board takes pleasure to thank all the contributors of articles and news items, and to those who helped in various ways in bringing out this volume. We are also equally thankful to organizations that have provided advertisement.

We welcome your valuable suggestions and comments towards making the bulletin more interesting, informative and useful.

- Editors

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## LIST OF PUBLISHED JOURNAL OF NEPAL GEOLOGICAL SOCIETY

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3. Journal of Nepal Geological Society Vol. 25 (Special Issue), Dec. 2001
4. Journal of Nepal Geological Society Vol. 24 (Special Issue), 2001 (Abstract Vol. of Third Nepal Geological Congress 2001)
5. Journal of Nepal Geological Society Vol. 23, 2001
6. Journal of Nepal Geological Society Vol. 22, (Special Issue) Dec. 2000 (Proceedings of International Symposium on Engineering Geology, Hydrogeology and Natural Disasters with emphasis on Asia Sept. 28 - 30, 1999, Kathmandu, Nepal)
7. Journal of Nepal Geological Society Vol. 21, 2000
8. Journal of Nepal Geological Society Vol.20, (Special Issue) 1999 (Abstract Volume of Symposium Sept.1999)
9. Journal of Nepal Geological Society Vol.19, 1999
10. Journal of Nepal Geological Society Vol.18, (Special Issue) 1998 (Proceedings of Second Nepal Geological Congress, 1995)
11. Journal of Nepal Geological Society Vol.17, 1997
12. Journal of Nepal Geological Society Vol.16 (Special Issue) 1997 (Abstract Volume of Second Nepal Geological Society)
13. Journal of Nepal Geological Society Vol.15, 1997
14. Journal of Nepal Geological Society Vol.14, (Special Issue) 1996 (Proceedings of First Nepal Geological Congress, 1995)
15. Journal of Nepal Geological Society Vol.13, 1996.
16. Journal of Nepal Geological Society Vol.12 (Special Issue), 1995 (Abstract Volume of First Nepal Geological Congress 1995)
17. Journal of Nepal Geological Society Vol.11 (Special Issue), 1995  
(Proceedings of 9<sup>th</sup> Himalaya – Karakoram –Tibet Workshop, 1994)
18. Journal of Nepal Geological Society Vol.10,(Special Issue), 1994  
(Abstract of 9<sup>th</sup> Himalaya – Karakoram –Tibet Workshop, 1994)
19. Journal of Nepal Geological Society Vol.9, 1993 (50% discount Price)
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## NGS NEWS

**The 22nd Annual General Body Meeting of Nepal Geological Society (NGS)** was held on 31 August 2001 (15 Bhadra 2058 BS) in Hotel Himalaya, Lalitpur. The meeting was conducted under the chairmanship of Mr. R. K. Aryal, President, Nepal Geological Society (NGS). It was attended by most of its members. The meeting was held in friendly and cordial atmosphere.

The General Body Meeting began with the welcome speech by President, Mr. R. K. Aryal. It was followed by the presentation of the Annual Report by Mr. U. B. Shrestha, General Secretary. Mr. Shrestha mainly highlighted on the activities of NGS held in the last three years. After that, Mr. Rajendra Prasad Khanal, Treasurer of the society presented the Annual Financial Report (Status) of 2057/058. It was followed by the discussion on various topics. There was active participation of the members in the discussion on various issues raised by the members. Some important decisions were also made in the meeting.

**The Tri-Annual Function and Office Handover** (by outgoing 10th Executive Committee to the newly Elected 11th Executive Committee) Ceremony was held in Hotel Himalaya, Lalitpur in the presence of Hon. Deputy Speaker of the House of Representatives, Madam Chitra Lekha Yadav, the Chief guest, other guests and members of Nepal Geological Society.

**Nepal Geological Society** successfully organized the 3rd Nepal Geological Congress from 26 to 28 September 2001, in Kathmandu, Nepal. The congress was attended by over 300 geo-scientists from 11 countries.

**Nepal Geological Society** organized four geo-scientific talk programs by foreign geo-scientists on various topics in the F.Y. 2057/2058.

**Observation of International Strategy for Disaster Reduction (ISDR) Day:** Nepal Geological Society in co-operation with the HMG/Ministry of Home Affairs, UNDP and NSET, Nepal organized one day Meeting Cum Workshop to observe the International Strategy for Disaster

Reduction (ISDR) Day on 10 October 2001 in Kathmandu. More than 200 participants from different organizations and institutions took part in this meeting cum seminar.

**Nepal Geological Society** collaborated with the Department of Mines and Geology, UNESCO and USGS to organize a 4-day International Workshop on "Seismic Analysis in South Asia Region" from 9 to 12 September 2001 in Kathmandu, Nepal.

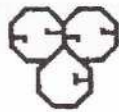
As in the past, Nepal Geological Society was represented in various seminars, workshops and meetings organized by different government and non-government organizations, professional societies and INGOs.

**Proceedings of Workshop on Himalayan Uplift and Paleoclimatic Changes in Central Nepal** has been published as a Special Issue of the Journal of Nepal Geological Society, Volume 25. Publication of the Journal of Nepal Geological Society, Volume 26 (regular Issue) and Volume 27 (Special Issue, Proceedings of 3<sup>rd</sup> Nepal Geological Congress 2001) are in progress.

Members of NGS were invited in a meeting held on "National Planning Commission 10th Plan Recommendation on the Role of the Service Sector/Component Policy" on 23 November 2001 in the Auditorium of Department of Mines and Geology, Lainchaur, Kathmandu. Recommendation was drafted during the meeting and sent to National Planning Commission, Nepal.

Mr. Rajendra Prasad Khanal, General Secretary of NGS attended the "Regional Workshop on Networking and Collaboration among Non-Government Organizations of Asian Countries in Disaster Reduction and Response representing the Nepal Geological Society in Protopia Hotel Kobe, Hyogo, Japan on 20-22 February 2002. He was invited by the organizer of the workshop.

**Nepal Geological Society** has recently received the ISSN Number for the Journal of Nepal Geological Society. The Number is ISSN 0259-1316.



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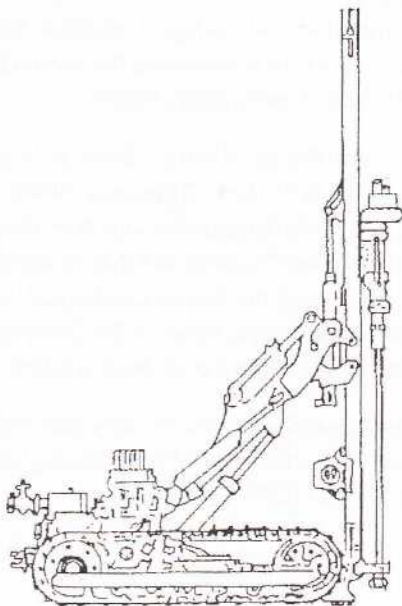
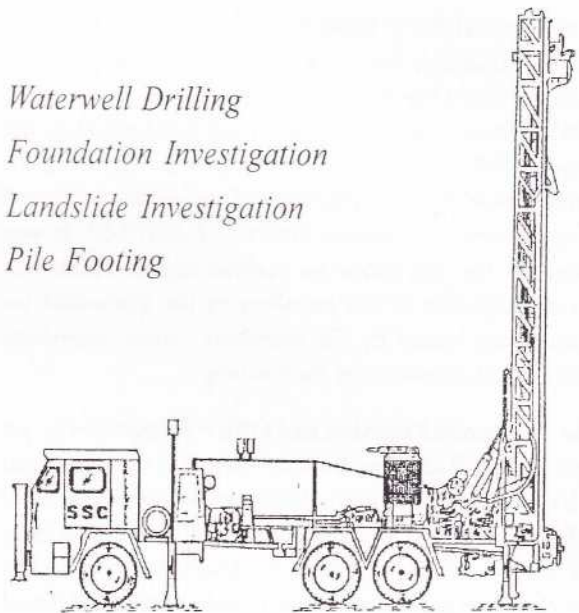
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## 22ND GENERAL BODY MEETING OF NEPAL GEOLOGICAL SOCIETY

नेपाल भौगर्भिक समाजको बाइसौ वार्षिक साधारण सभा

The 22nd Annual General Body Meeting of Nepal Geological Society was held in Hotel Himalaya, Lalitpur, Nepal on 31 August, 2001 (15 Bhadra, 2058 BS). The meeting was conducted under the chairmanship of Mr. R. K. Aryal, President, Nepal Geological Society (नेपाल भौगर्भिक समाजको बाइसौ साधारणसभा गत भाद्र १५, २०५८ तदनुसार ३१ अगस्त, २००१ का दिन हिमालय होटल, ललितपुरमा समाजका अध्यक्ष श्री रमेश कुमार अर्यालको अध्यक्षतामा सु-सम्पन्न भएको थियो।).

उक्त अवसरमा सर्वप्रथम समाजका अध्यक्ष श्री रमेश कुमार अर्यालले उपस्थित समाजका सम्पूर्ण सदस्यहरूलाई स्वागत गर्दै आफ्नो स्वागत भाषण प्रस्तुत गर्नुका साथै दशौं कार्यकारिणी समितिले तीन वर्षे लामो आफ्नो कार्यकालमा यस समाजले गरेका मुख्य मुख्य कार्यहरूका बारेमा प्रकाश पार्नुभयो।

- International Symposium on Engineering Geology, Hydrogeology and Natural Disasters with Emphasis on Asia, को सफल आयोजना,
- 3rd Nepal Geological Congress को सफल आयोजना,
- International Strategy for Disaster Reduction (ISDR) Day सम्बन्धि कार्यक्रमको सफल आयोजना,
- Scientific Talk Programme हरूको आयोजना,
- विभिन्न संघ, संस्थाहरूबाट विभिन्न कार्यक्रममा भाग लिन निमन्त्रणा पठाए अनुसार सबैजसो कार्यक्रमहरूमा सहभागी,

- NGS Bulletin Vol. 17, र 18, Journal of NGS Vol. 19, 20, 21, 22, र 23 को समयमै प्रकाशन।

तत्पश्चात्, यस समाजका महासचिव श्री उत्तम बोल श्रेष्ठले समाजको वार्षिक प्रतिवेदन प्रस्तुत गर्नुभयो। उक्त अवसरमा श्री श्रेष्ठले विगतमा नेपाल भौगर्भिक समाजले गरेका कार्यक्रमहरूको विवरण दिनुका साथै सेप्टेम्बर, २००१ मा आयोजना गरिने 3rd Nepal Geological Congress को सफल आयोजना गर्नमा सहयोग पुऱ्याउन र गत वर्षहरूमा जस्तै यस वर्षमा पनि सम्पूर्ण सदस्य साथीहरूबाट सहयोग प्राप्त भएकोमा खुशी व्यक्त गर्नु भयो। उक्त अवसरमा उहाँले हालसम्म नेपाल भौगर्भिक समाजका सदस्यहरूको संख्या ४९५ र एसोसियेट सदस्य संख्या १६ गरि जम्मा ५११ भएको कुरा सबैलाई जानकारी गराउनुभयो।

यसपछि कार्यक्रमलाई अगाडि बढाउने क्रममा यस समाजका कोषाध्यक्ष श्री राजेन्द्र प्रसाद खनालले समाजको गत आ. व. २०५७/०५८ को आय-व्यय विवरण प्रस्तुत गर्नुका साथै लेखा परिक्षणको विवरण समेत पेश गर्नुभयो।

तत्पश्चात् पूर्व घोषित कार्यक्रम (Agenda) अनुसारका विषयमा बुँदागत छलफल गरी समाजका सदस्यहरूले विभिन्न विषयमा उठाएका प्रश्नहरूमा पनि विस्तृत छलफल भएको थियो। उक्त अवसरमा प्रस्तुत गरिएका स्वागत भाषण एवं प्रतिवेदन र विभिन्न समसामयिक विषयमा उठेका प्रश्नहरू एवं हरेक बुँदामा भएको छलफल र जवाफहरू एवं निर्णयहरू तल प्रस्तुत गरिएका छन्।

### Welcome Speech By Mr. R. K. Aryal, President, Nepal Geological Society, at the 22nd General Body Meeting

नेपाल भौगर्भिक समाजका अध्यक्ष श्री रमेश कुमार अर्यालबाट बाइसौ साधारणसभामा प्रस्तुत स्वागत भाषण

समाजका सम्मानित सदस्यज्यू,

भूतपूर्व अध्यक्षज्यूहरू,

आदरणीय सदस्यज्यूहरू,

सर्वप्रथम म नेपाल भौगर्भिक समाजले आयोजना गरेको आजको २२ औं साधारणसभामा उपस्थित सम्पूर्ण सदस्यसाथीहरूलाई दशौं कार्यकारिणी समितिको तर्फबाट हार्दिक अभिवादनका साथै हालै निर्वाचित भई आउनु भएका ११ औं कार्यकारिणी समितिका नवनिर्वाचित पदाधिकारी तथा सदस्यहरूलाई यस सभामा हार्दिक स्वागत गर्दछु।

आदरणीय सदस्यसाथीहरू, यस दशौं का. का. स. ले आफ्नो ३ वर्षे कार्यकाल पूरा गरिसकेको छ। ३ वर्षे कार्यकाल मध्ये दुई वर्षको कार्यकालको प्रगति १९ तथा २० औं साधारण सभामा प्रस्तुत भईसकेको छ। त्यस अघि १ वर्षे अवधिमा यस का. का. स. ले समय समयमा सम्पन्न गरेका विभिन्न कार्यक्रम तथा त्यसको सफल कार्यान्वयन बारेको विस्तृत प्रतिवेदन दशौं का. का. स. का तर्फबाट महासचिव श्री उत्तमबोल श्रेष्ठले प्रस्तुत गर्नु हुने छ भने कोषाध्यक्ष श्री राजेन्द्र प्रसाद खनालले समाजको वार्षिक आय-व्ययको विवरण पेश गर्नु हुने छ।

सदस्य साथीहरू,

यस का. का. स. को कार्यकालमा सम्पन्न गरेका विभिन्न कार्यक्रम मध्ये September 1999 मा IAEG तथा अन्य संस्थाको संयुक्त तत्ववाधानमा सम्पन्न गरेको International Symposium on Engineering Geology, Hydrogeology, and Natural Disasters with Emphasis on Asia, 28-30 September मा काठमाडौंमा आयोजना गरी सफलताका साथ सम्पन्न गरेको र समाजको प्रतिष्ठा र श्रिष्टि तथा अन्तरराष्ट्रिय स्तरमा बढेको सम्बन्धमा यस समाजका सम्पूर्ण सदस्यहरूलाई जानकारी भएकै होला। यस Symposium को सफल कार्यान्वयन भए वापत स्वर्गीय श्री ५ महाराजाधिराज वीरेन्द्र वीर विक्रम शाहदेव सरकारबाट यस समाजका अध्यक्ष श्री रमेश कुमार अर्याल तथा पूर्व अध्यक्ष श्री कृष्ण प्रसाद काफ्लेलाई गोरखा दक्षिण बाहुबाट शुसोभित गरी समाजको प्रतिष्ठा बढाई बक्सेकोमा स्वर्गीय श्री ५ महाराजाधिराज प्रति पुनः हार्दिक कृतज्ञता ज्ञापन गर्दछु। साथै उपरोक्त समारोहमा नै स्वर्गीय श्री ५ महाराजाधिराजबाट यस समाजका सम्मानित सदस्य श्री माधव राज पाण्डेज्यू (नेपाल) तथा सम्मानित सदस्य प्रोफेसर श्री के.

## DO YOU KNOW ?

- Earthquake is one of the major destroyers of lives and properties.
- More than 15,25,000 people have died in this century due to fatal earthquakes.
- With more than 11,570 deaths, Nepal ranks 15th in earthquake-related casualties.
- More than 75% of casualties throughout the world are attributed to building failure.
- In Nepal, more than 95% of earthquake-related deaths are due to collapse/damage of buildings that have been designed and constructed without seismic safety.

## DO YOU ALSO KNOW ?

- In Nepal, in an average, major earthquakes have been occurring every 100 years and medium earthquakes every 50 years.
- The great earthquake of 1934 (1990 BS) destroyed/damaged more than 207,200 buildings in Nepal and killed 8,519 persons.
- A building designed and constructed incorporating seismic safety measures saves lives and properties during an earthquake.
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गत साल सम्पन्न भएको अन्तर्राष्ट्रिय सम्मेलनको आयोजना सफलतापूर्वक सम्पन्न गर्न समाजका सम्पूर्ण सदस्यहरुको सहयोग तथा सहभागिताको लागि आभार प्रकट गर्दै पुनः एकपटक धन्यवाद जापन गर्दछु ।

यसका साथै IDNDR - Day अवधिमा यस समाजले सफलतापूर्वक संचालन गरेका कार्यक्रमहरुको सन्ताना गर्दै IDNDR सेक्रेटेरियटद्वारा सन् १९९८ को UN Sasakawa Award (पद) बाट सम्मानित गरेको थियो भने श्री ५ को सरकार, गृह मन्त्रालयले कार्यक्रमका संयोजक श्री आमोदमणि दिक्षित, भू. पू. अध्यक्ष श्री कृष्ण प्रसाद काफ्ले, महासचिव श्री उत्तम बोल श्रेष्ठ तथा अध्यक्ष श्री रमेश कुमार अर्याललाई दैवी प्रकोप उद्धार पदकबाट शुसोभित गरिएको थियो । यस कार्यक्रममा हामीलाई सहयोग गर्ने UNDP, IDNDR- National Committee, गृह मन्त्रालय, IDNDR-Zeneva Secretariate तथा अन्य राष्ट्रिय तथा अन्तर्राष्ट्रिय संघ संस्थाहरुप्रति यो समाज हार्दिक आभार व्यक्त गर्दछ ।

सदस्य साथीहरु,

यहि आउँदो September 26-28, 2001 मा यस समाजले Third Nepal Geological Congress को आयोजना गर्न गइरहेको छ । यस सम्बन्धमा First तथा Second Announcement को आधारमा हाल सम्म करिब १७० जनाको Registration Forms प्राप्त भैसकेको छ भने बाँकी सदस्यहरुको Registration हुन बाँकी नै छ । हालसम्म प्राप्त Registration को आधारमा १६ राष्ट्रबाट सहभागिता हुने देखिएको छ । यस सम्बन्धमा यहाँ उपस्थित सबै आदरणीय सदस्यहरुलाई छिट्टै Registration गरीदिनु हुन पनि अनुरोध गर्दछु । यस Congress को सफलताको लागि आवश्यक पर्ने आर्थिक श्रोत अभैसम्म जुट्न सकेको छैन । हामीले German Advisory Team बाट US \$ २,००० बाहेक अन्य संघ, संस्थाहरुलाई जस्तै ICIMOD, Lutheran World Federation, तथा DPTC आदिबाट यस सम्बन्धमा सकारात्मक जवाफ पाईसकेका छैनौ । तसर्थ आर्थिक स्तरको नाजुक अवस्थालाई ईकित

गरी म समाजका साथीहरुलाई भरसक विभागीय (Official) Nomination गराई Congress मा सहभागि हुनको लागि हार्दिक अनुरोध गर्दछु ।

सदस्य साथीहरु,

इन्जिनियरिङ परिषदले यस समाजका धेरै साथीहरुलाई त्यस परिषदको सदस्यता प्रदान गर्न अस्वीकार गरेकोमा यस समाजले त्यस परिषदका पदाधिकारीहरुलाई समय समयमा पत्राचार गर्नुको साथै र जिष्टार तथा उप-समितिका अध्यक्षलाई भेटी समस्या समेत अवगत गराएका थियौ । तर परिषदबाट सकारात्मक जवाफ र सहयोग नपाएपछि हामीले यसको कानूनी उपचारको लागि एक जना कानून व्यवसायीलाई नियुक्त गरी कानूनी प्रक्रिया पनि अपनाएका थियौ । सो सम्बन्धमा यस समाजका महासचिव श्री उत्तम बोल श्रेष्ठज्यूले बिस्तृत जानकारी गराउनु हुनेछ ।

सदस्य साथीहरु,

समाजले बेलाबेलामा प्रकाशित गर्ने Scientific Journal (Journal of Nepal Geological Society) तथा News Bulletin को सफल प्रकाशनमा मद्दत पुर्‍याउनु हुने Editorial Board का अध्यक्ष तथा सदस्यहरु, Scientific Sub-committee का संयोजक तथा सदस्यहरुलाई समयमा यस समाजको Journal, Bulletin, Proceeding तथा Abstract प्रकाशन गरिदिनु भएकोमा म यस दशौं का. का. स. को तर्फबाट हार्दिक धन्यवाद जापन गर्न चाहान्छु । साथै यस समाजको फाइनान्स कमिटीका संयोजक तथा सदस्य, Rules and Regulation Sub-committee का सदस्यहरु तथा Advisory Board का सदस्यहरुलाई पनि बर्तमानबाट प्राप्त सहयोगको लागि म हार्दिक धन्यवाद दिन चाहान्छु । अन्त्यमा यस का. का. स. बाट ११ औं का. का. स. को निर्वाचन सफलतापूर्वक सम्पन्न गराउन सहयोग गर्नु हुने निर्वाचन समितिका अध्यक्ष पुरुषोत्तम राज जोशी तथा सदस्यहरुलाई म हार्दिक धन्यवाद जापन गर्दछु ।

सदाभै नबनिर्वाचित एघारौं कार्यकारिणी समितिलाई पनि समाजका सदस्यसाथीहरुबाट यस समाजको उन्नति तथा प्रगतिको लागि विगतमा जस्तै महत्वपूर्ण सुझाव, सल्लाह र सहयोगको अपेक्षा राख्दछु ।

अब म आफ्नो मन्तव्य यहीँ पूरा गर्दै अन्य विषय प्रवेशको लागि अरु साथीहरुलाई आमन्त्रित गर्दछु ।

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## **Annual Report Presented by Mr. U. B. Shrestha, General Secretary, NGS, at the 22<sup>nd</sup> General Body Meeting**

नेपाल भौगर्भिक समाजका महासचिव श्री उत्तम बोल श्रेष्ठबाट २२औं साधारणसभामा प्रस्तुत वार्षिक प्रतिवेदन

Mr. Chairman,  
Respected Honorary Members,  
Former President of NGS,  
And Respected Members of the Society,

On behalf of the 10<sup>th</sup> Executive Committee and myself, I welcome you all in this 22<sup>nd</sup> General Body Meeting of the Nepal Geological Society. We have completed our tenure of three years in this prestigious office. During this period, we tried our best to enhance the image of the society and fulfill its objectives. I would like to inform some of the major tasks we completed during our tenure.

### **Seminars and Symposia**

Mr. Chairman,

We have continued the regular program to observe IDNDR-day till the end of the decade 1900-2000 by observing one day national meeting cum-seminar on UN declared themes for two consecutive years, in close collaboration with the Ministry of Home, and other related national and international organizations.

After the completion of the IDNDR decade, the United Nation has declared to observe the International Strategy for Disaster Reduction (ISDR) day. The present Executive Committee is in touch with the Ministry of Home and UNDP/Nepal for its future program to celebrate the decade.

I feel proud to inform at this August gathering that the Nepal Geological Society (NGS) successfully organized the **International Symposium on Engineering Geology, Hydrogeology, and Natural Disasters with Emphasis on Asia, 28-30 September, 1999** supported by the International Association for Engineering Geology and the Environment (IAEG) and endorsed by various International and National organizations. The symposium was graciously inaugurated by His Majesty's the Late King Birendra Bir Bikram Shah Dev. Her Majesty's the Late Queen Aiswarya also graciously attended the occasion. The recognition of the society by **Their Majesties** is certainly a matter of prestige to our society. The society is very grateful to **Their Majesties**.

The symposium was attended by 419 geo-scientists from 34 countries. Including six keynote addresses, 185 excellent scientific research papers were presented in the symposium.

Besides those major seminars and symposium, the 10<sup>th</sup> Executive Committee successfully conducted several talk programs on geoscientific field from national as well as international geoscientists

Mr. Chairman,

I am pleased to inform you that the Nepal Geological Society is going to organize the "**Third Nepal Geological Congress**" in the next month in Kathmandu. The congress that will be held from September 26-28, 2001 will mainly focus on various aspects of Regional Geology and Tectonics of the Nepal Himalayas and its surroundings, Environmental Geology, Natural Disasters, Economic Geology, Hydrogeology, Engineering Geology and Oil and Natural Gas in general. Till to date we have received conformed participation of more than 250 geoscientists from 16 countries. The participating countries and the number of participants are as follows: Argentina-1, Austria-1, Bangladesh-10, Canada-1, France-2, Germany-2, India-22, Italy-7, Japan-8, Kyrgyzstan-1, Pakistan-21, Russia-2, Sri Lanka-2, Turkey-3, UK-1, USA-1 and Nepal-the rest.

Regarding the financial status of the congress, we have so far received US \$ 2,000 from German Geological advisory team only. Moreover, to cover up the deficit we are trying our best to raise some more funds from the National and International Organisations.

Respected members,

As far as, organization of an international symposium by the society is concerned, the 10<sup>th</sup> Executive Committee has approached IAEG to provide an opportunity to organize the symposium of IAEG scheduled for 2005-2006. We have received verbal assurance for the year 2005 from Prof. P. G. Marinos, Former President of IAEG. We request the 11<sup>th</sup> Executive Committee to follow up this matter. In addition to this, as the GEOSAS Conference in Nepal may be conducted by HMG/DMG, I would like to request the 11<sup>th</sup> Executive committee to work in close co-operation with HMG/DMG too.

**25<sup>th</sup>**  
*anniversary*

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## **Publication of Journals and Bulletins**

Mr. Chairman,

The Journal of Nepal Geological Society, being published regularly with high quality research papers, has gained good reputation not only in Nepal but also in the SAARC region and geoscientific community of the world over. Various national and international libraries and individuals have subscribed it. So as, the 10<sup>th</sup> Executive Committee has also paid high priority to its publication. We have already published Proceedings of the Second Nepal Geological Congress as the Special Issues of Journal, Vol. 18; Regular Issue, Vol. 19; Abstract Volume of the International Symposium, Special Issue, Vol. 20; Regular issue, Vol. 21 and Proceedings of International Symposium, Special Issue, Vol. 22. The regular issue of the Journal, Vol. 23 is in the process of publication. News Bulletin of the Society Vol. 16, 17 and 18 were published in their respective publication years.

We have also published the updated Directory of the members of the Nepal Geological Society. I believe it will be handy and useful.

## **Award and Honor**

Mr. Chairman,

In the inaugural ceremony of the International Symposium by His Majesty the Late King Birendra Bir Bikram Shah conferred upon the Honorary Membership of the Nepal Geological Society to two distinguished geoscientists, Prof. Dr. Koshiro Kizaki from Japan and Mr. Madhav Raj Pandey from Nepal.

## **Sub-committees**

On recommendation of the 21<sup>st</sup> general body meeting, 10<sup>th</sup> Executive Committee has formed the "Stratigraphic Commission of Nepal Geological Society" under the chairmanship of Dr. R. P. Bashyal. Similarly, "Geoscientific Profession Promotion Sub-committee" has been formed under the chairmanship of Dr. Megh Raj Dhital.

## **Establishment of NGS office and National Geoscience Library**

I am sorry to inform you that we have not yet been able to gain success in acquiring land for the establishment of the NGS office and National Geoscience Library. However, I feel proud to inform that the 10<sup>th</sup> executive committee has decided to establish a fund entitled "Land and Building Fund" with 1.5 Million Rupees, which can be used either for land purchasing or constructing office building of the society. We are confident that the present General Body Meeting will approve the decision.

The strengthening of NGS Library is a matter of concern to all of us. In this respect, we have made some progress to collect books and scientific papers from various organizations. At present, the library has a collection of 409 books and other publications.

## **Engineering Council of Nepal**

Respected Members,

Regarding the registration of the Society members in the Engineering Council of Nepal, I feel sorry to inform you that the members of the society holding M. Sc. degree in geology only are denied registration in the council. To resolve this problem we not only met and discussed with the registrar of the council but also requested to register the society members by writing official letters. However, despite our attempts, they were not positive towards the society's request. Hence, the society went to the court for the solution. The verdict that we received from the court is attached.

## **Honors, Scholarships and Members**

Mr. Chairman,

By the decision of 21<sup>st</sup> General Body, the society has decided to honor two of its distinguished members Dr. Patrick Le Fort (LM-92 from France) and Prof. Dr. K. S. Valdiya (LM-292 from India) with Nepal Geological Society's Honorary Membership, which shall be conferred upon in the forth coming Third Nepal Geological Congress. To inspire the young generation in the geoscientific profession, the 10<sup>th</sup> Executive Committee has decided to honor every year, a student who holds topmost position in M. Sc. Geology from Tribhuvan University with an award of **Gold Medal** of Nepal Geological Society and **Life Membership** of the Society.

At present, the society has 495 full members and 16 associate members.

Respected Members,

Whatever we are able to do during our tenure are due to your help, support and advice. On behalf of the 10<sup>th</sup> Executive Committee and on my own behalf, I would like to offer our sincere thanks to all of you for your active co-operation and continued support. Various governmental and non-governmental organisations, business/consulting firms and different agencies have financially and technically supported the society. On behalf of the 10<sup>th</sup> Executive Committee and on my own behalf, I would like to offer our thankfulness to all of them. Particularly I would like to mention here the following organisations: Department of Mines and Geology, Petroleum Exploration Promotion Project, Groundwater Resources Development Project, Department of Irrigation,

Best Wishes  
and  
Hearty Felicitations  
to  
the Nepal Geological Society

## **BDA *nepal* (P) Ltd.**

*[Formerly Building Design Associates (P.) Ltd.]*  
**Consulting Engineers • Architects • Planners • Valuers**

### *INTRODUCTION:*

Initially starting out as an Architectural and Engineering Consulting firm since 1974, BDA *Nepal* (P) Ltd. has been also providing services in multi-disciplinary engineering fields including forestry, agricultural and socio-economic sectors. BDA *nepal* recently has widened its area of services further to Traffic Engineering (Junction Design, Road Marking and Road Signs) and Geotechnical Investigation sectors introducing the latest technology and design software.

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G. P. O. Box: 1353, Kathmandu, Nepal  
email: [bdanep@wlink.com.np](mailto:bdanep@wlink.com.np)  
website: [www.bdanep.com.np](http://www.bdanep.com.np)



Central Department of Geology, Kirtipur Campus, TU,  
Department of Geology, Tri-Chandra Campus, TU, BGR,  
DPTC, UNDP/Nepal, Lutheran World Federation, Nepal  
Electricity Authority, Nepal Electricity Development Center,  
Ministry of Home, ICIMOD, Ministry of Science and  
Technology, Nepal Engineers' Association, UNESCO, Delhi,  
IUGS, IAEG and NSET Nepal.

I am particularly thankful to the Director General Mr.  
Nanda Ram Sthapit, Department of Mines and Geology, for  
his help and co-operation, for providing office space for the  
society, logistics and other facilities at the time of need. We  
are grateful to his kind gesture towards the society.

I take this opportunity to thank the society members who  
have worked in various committees formed by the 10<sup>th</sup>  
Executive Committee and have given their time and effort  
to fulfill the given task.

I am also grateful to the Chairman of the Election  
Committee Mr. P. R. Joshi and members for conducting the  
election successfully.

Mr. Chairman,

I feel myself lucky to work with such dedicated and hard  
working team of colleagues. Without their constant effort,  
we could not have reached this stage. I offer my sincere  
gratitude to them.

There may have shortcomings and weakness during our  
work. For this, I would like to take this opportunity to extend  
our sincere apology on behalf of the executive committee  
and myself in person. At the last, I offer my hearty thanks to  
all of our well wishers and friends who have so consistently  
helped us in our endeavors.

Thank you.

**Best Wishes  
and  
Hearty Felicitations  
to  
Nepal Geological Society**

***PREM COAL UDDYOG***

*Ghorahi, Dang, Tel.: 082-60241*

**Best Wishes**  
**To**  
**NEPAL GEOLOGICAL SOCIETY**  
**FROM**  
**BUTWAL POWER COMPANY LIMITED (BPC)**

**Field of Activities:** Build, own and operate hydropower plants by maximising use of local capability and institution building

**Accomplishments:** Tinau - 1 MW, Andhikhola - 5.1MW,  
Jhimruk - 12MW

**On-going Activities:**  
*Project Development* Khimti Hydropower Project (60 MW) through involvement as sponsor and party to engineering design, project management, training and technology transfer and other support services

Environment and community development services and various other consulting services i.e. feasibility studies, model studies, geotechnical studies etc. through its Hydroconsult Department

**Operation & Management** Andhikhola and Jhimruk Power Plants

**Rural Electrification** Syangja, Palpa and Pyuthan districts

**Address:** Kumaripati, Lalitpur, P.O. Box: 11728, Tel: 538404, 535595, Fax: 52790  
Email: service@hydroconsult.com.np



## Financial Report of FY 2057/058 by Mr. Rajendra Prasad Khanal, Treasurer, NGS

नेपाल भौगर्भिक समाजको कोषाध्यक्ष श्री राजेन्द्र प्रसाद खनालबाट २२औं साधारणसभामा प्रस्तुत आर्थिक प्रतिवेदन

मान्य सभापति ज्यू,  
समाजका सम्मानित सदस्यज्यू,  
समाजका आदरणीय पूर्व अध्यक्षज्यूहरू,  
एवम् उपस्थित सम्पूर्ण सदस्यसाथीहरू,

सर्वप्रथम म नेपाल भौगर्भिक समाजको यस २२ औं साधारण सभामा उपस्थित हुनु भएका सम्पूर्ण सदस्यहरूलाई हार्दिक स्वागत तथा अभिवादन गर्दछु।

यस नेपाल भौगर्भिक समाजको रिक्त कोषाध्यक्ष पदमा रहि आर्थिक क्षेत्रमा समाजको उत्थानको लागि काम गर्ने मौका प्रदान गर्नु भएकोमा यस समाजको १० औं कार्यकारिणी समिति तथा यस समाजका सम्पूर्ण सदस्य साथीहरूलाई म हार्दिक धन्यवाद दिन चाहन्छु।

आदरणीय साथीहरू,

यस दशौं का. का. स. को तीनवर्षे लामो कार्यकाल (२०५५-२०५८) को समाप्तको दिन हामी यहाँ उपस्थित भएका छौं। गत २ वर्षको आर्थिक विवरण गत वर्षहरूमानै प्रस्तुत गरिसकेको कुरा यहाँहरूलाई जवगत नै छ। आज यस साधारण सभामा आर्थिक वर्ष २०५७-२०५८ को आर्थिक विवरण एक अधिकार सम्पन्न लेखा परीक्षकबाट परीक्षण गराई पेश गर्न गइरहेको छु।

यस समाजको आर्थिक कारोबार क्रमशः बढ्दै गइरहेको र आर्थिक कारोबार संचालनको नियमहरू सम्बन्धी सम्पूर्ण जानकारी अनभिज्ञताले गर्दा आर्थिक कारोबारको विवरणहरू दुरुस्त राख्न केहि कठिनाई उत्पन्न हुनु स्वाभाविकै देखिन्छ। तैपनि मेरो क्षमताले भ्याएसम्म आर्थिक वर्ष २०५७-०५८ को आर्थिक विवरण पारदर्शी रूपमा राख्ने प्रयास गरेको छु। यसमा कुनै त्रुटी आएको रहेछ भने सदस्यज्यूहरूमा क्षमा प्रार्थी छु।

आदरणीय साथीहरू, अब म आर्थिक वर्ष २०५७-०५८ को संक्षिप्त विवरण पेश गर्दछु। साथीहरू, नवौं कार्यसमितिको अन्तिम आर्थिक वर्ष २०५४-०५५ मा यस समाजको जम्मा रु. ९,३८,९९०।६७ मौज्जात रहेको थियो भने यस दशौं का.का.स. को कार्यकालको पहिलो आर्थिक वर्ष २०५५-०५६ मा यस समाजसंग जम्मा मौज्जात रु. ११,३६,८१९।८८ रहेको कुरा बिगतका आर्थिक विवरणहरूबाट प्रस्ट हुन्छ। दशौं का.का.स. को कार्यकालको दोश्रो वर्ष अर्थात् आर्थिक वर्ष २०५६-०५७ मा यस समाजसंग रु. ३०,६२,७११।६८ मौज्जात रहेको कुरा अवगत गराउँछु जुन गत आर्थिक वर्षको कोषाध्यक्षको प्रतिवेदनमा केही गल्ति

भएको समेत जानकारी गराउँदछु। यसरी त्यस आर्थिक वर्ष समाजको आर्थिक प्रगतिको कारणले ज्यादै सन्तोष वर्ष मान्न सकिन्छ। यसको प्रमुख श्रोत नै International Symposium को सफल संचालन हो।

यस आर्थिक वर्ष २०५७-२०५८ को आम्दानी र खर्चको विवरण यस प्रकार छ।

आम्दानी रु. ६,०२,००१।६९

खर्च रु. ११,८४,४०३।२२

न्यून रकम रु. ५,८२,४०१।५३

आदरणीय सदस्य साथीहरू, गत वर्ष (२०५६।२०५७) को आम्दानी मध्ये Symposium को Proceedings Printing/Postage मा खर्च गर्नु पर्ने कुरा बिगत आर्थिक वर्षको प्रतिवेदनमा तत्कालिन कोषाध्यक्षले जानकारी गराई सक्नु भएको थियो। छिटो भन्दा छिटो Proceedings तयारीको लागि यस आर्थिक वर्षमा केही कर्मचारीहरू राख्नु परेको, Proceedings को साइज पनि ठूलो हुनाले र Printing/Postage मा केही अतिरिक्त खर्च भएको तथा Third Nepal Geological Congress तयारीको लागि Announcement हरू प्रकाशन गर्नु परेको र सो कार्यक्रम संचालन गर्न हल Booking समेत गर्नु परेकोले यस आर्थिक वर्षमा खर्चको तुलनामा आम्दानी न्यून रहेको कुरा अवगत गराउँदछु र यसरी न्यून हुन गएको रकम गत आर्थिक वर्षको आम्दानीबाटै पूर्ति गरिएको छ।

यहि २०५७ श्रावण मसान्तसम्ममा यस समाजको नाममा जम्मा बैकमा रु. २५,९६,६५६।७५ बैक मौज्जात र नगद रु. ३,६२१।- गरि जम्मा मौज्जात रु. २६,००,२७७।७५ रहेको कुरा अवगत गराउँछु।

यसरी समग्रमा यस का. का. स. को ३ वर्षको कार्यकाल समाजको आर्थिक स्तर उकास्न सफल रहेको कुरा सहर्ष जानकारी गराउँदछु।

अब म हालसम्म यस भौगर्भिक समाजसंग रहेका मुख्य जिम्मे सभामा नभएको बारेमा समेत सदस्य साथीहरूलाई अवगत गराउन चाहन्छु।

क्र. सं	विवरण	संख्या
१.	Steel दरज 2 वटा Society को Office २ गरि जम्मा	४
२.	काठको दरज Office मा	२
३.	Computer Pentium -I Society को Office मा	१
४.	HP Laser Jet Printer 6L Society को office मा	१
५.	HP Laser Jet Printer 1100 Chief Editor संग	१
६.	Display Board Society को Office मा	२
७.	External Zip Drive 100 MB Chief Editor संग	१
८.	Journal and bulletin हरू (हाल थान गन्ति हुदै)	

अब म यो आर्थिक वर्ष २०५७/२०५८ को आर्थिक विवरण प्रतिक्रियाको लागि आदरणीय सदस्यहरू समक्ष पेश गर्दछु। लेखा परीक्षकबाट परीक्षण गराईएको लेखा विवरण पनि सदस्यहरू समक्ष पेश गरेको छु।

धन्यवाद।

With Best Compliments  
to  
**Nepal Geological Society**  
on the Occasion of Publishing its  
News Bulletin Volume 19  
from



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Telex: 353352 IGLMI-1



**Auditor's Financial Report of Fiscal Year 2057/058**

The Members  
Nepal Geological Society  
Kathmandu

Gentlemen,

I have audited the attached Receipt and Payment Account for the year ended on 32nd Shrawan, 2058, and report as follows:

1. I have got all the information and explanations which are required for the purpose of audit.
2. Proper books as required are maintained according to Company's Law.
3. The attached Receipt and Payment Account and Income and Expenditure Account are drawn properly up in accordance with records which are made available to me.
4. According to the information given to me the attached Income and Expenditure Accounts prepared for the year ended 32nd Shrawan 2058 exhibit true and fair view.

*Sd.*

**(Babu Raja Bajracharya)**  
Registered Auditor

Date: 10th Bhadra 2058

BEST WISHES AND FELICITATIONS  
TO  
NEPAL GEOLOGICAL SOCIETY

**WATER RESOURCES CONSULT (P.) LTD.**

Babarmahal, Kathmandu  
Tel. No. 251518  
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- SURVEY, DESIGN & PROJECT MANAGEMENT
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- IRRIGATION
- GEO-TECHNICAL STUDIES AND INVESTIGATION
- SOCIO-ECONOMIC STUDIES
- TOWN PLANNING & PROFILE
- LANDSLIDES & DEBRIS FLOWS STUDIES

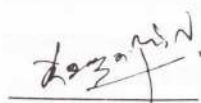
**Nepal Geological Society**  
**RECEIPT & PAYMENT ACCOUNT**  
For the year ended 32 nd Shrawan 2058

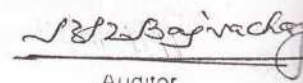
Receipt	Amount (Rs.)	Payment	Amount (Rs.)
To Bank (Opening Balance)	30,49,187.18	By Advance	25,085.00
To cash (Opening Balance)	13,524.50	By Advertisement	20,888.00
To Advertisement	26,400.00	By audit Fee	4,000.00
To Associate M. Fee	800.00	By bank Commission	20.00
To Contribution \$ 2000	1,50,800.00	By Bank commission \$ 106.89	8,059.51
To Interest Received	39,005.67	By Equipment	35,000.00
To Interest Received \$ 949.27	71,574.96	By Election	12,161.00
To Journal Sale	40,086.00	By fuel	3,729.00
To Journal Sale \$ 22	1,658.80	By legal Drafting	5,000.00
To Journal Subscription	1,960.00	By Miscellaneous Expenses	3,134.00
To Journal Subscription \$ 275	20,735.00	By Photocopy	7,563.00
To Life Member Fee	26,300.00	By Postage	1,59,472.00
To Life Member Fee \$ 100	7,540.00	By Printing and Press	6,54,667.00
To Membership Fee	8,400.00	By Refreshment	30,143.00
To Geological Map sale	10,175.00	By Rent	15,000.00
To Geological Map sale \$ 21	1,583.40	By Remuneration, Salary, Wages	1,03,526.00
To Miscellaneous	6,160.00	By Registration and Renewal	6,505.00
To Miscellaneous \$ 2259.03	1,70,330.86	By stationary	43,919.00
To Registration	1,150.00	By Tax on Interest	305.68
To Registration \$ 230	17,342.00	By Tax on Interest \$ 56.95	4,290.03
To Misc. Income (Diff. Exchange Rate on \$)	1,19,967.60	By Telephone	31,743.00
		By Transportation	10,193.00
		By ADB Fixed a/c	3,15,400.00
		By ADB Saving a/c	89,517.22
		By Nabil \$ a/c 26711.60	20,14,054.64
		By Nabil Fixed a/c	29,000.00
		By Nabil Saving a/c	95,017.39
		By Nepal Bank Saving a/c Bhotahity	6,718.23
		By Nepal Bank Bhotahity Current a/c	9,949.27
		By Nepal Bank Bhotahity Fixed a/c	37,000.00
		By Cash in hand	3,621.00
Total	3784680.97	Total	37,84,680.97

US\$ 1 = NRs. 75.40

  
Treasurer  
Rajendra Khanal

  
General Secretary  
Uttam Bol Shrestha

  
President  
Ramesh K. Aryal

  
Auditor  
Baburaja Bajracharya



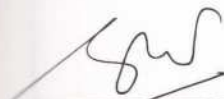
# Nepal Geological Society

## INCOME & EXPENDITURE ACCOUNT

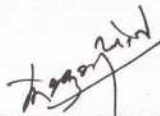
For the year ended 32 nd Shrawan 2058

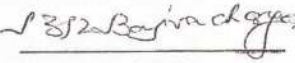
Expenditure	Amount (Rs.)	Income	Amount (Rs.)
To Advance	25,085.00	By Advertisement	26,400.00
To Advertisement	20,888.00	By Associate Membership fee	800.00
To Audit Fee	4,000.00	By Contribution \$ 2000	1,50,800.00
To Bank Commission	20.00	By Interest Received	39,005.67
To Bank Commission \$ 106.89	8,059.51	By Interest Received \$ 949.27	71,574.96
To Equipment (Printer)	35,000.00	By Journal Sale	40,086.00
To Election	12,161.00	By Journal Sale \$ 22	168.80
To Fuel	3,729.00	By Journal Subscription	1,960.00
To Legal Drafting	5,000.00	By Journal Subscription \$ 275	20,735.00
To Miscellaneous Expenses	3,134.00	By Life Membership fee	26,300.00
To Photocopy	7,563.00	By Life M. Fee \$ 100	7,540.00
To Postage	1,59,472.00	By Membership fee	8,400.00
To Printig and Press	6,54,667.00	By Geo. Map. Sale	10,175.00
To Refreshment	30,143.00	By Geo. Map. Sale \$ 21	1,583.40
To Rent	15,000.00	By Miscellaneous	6,160.00
To Remuneration, Salary, Wages	1,03,526.00	By Miscellaneous \$ 2259.03	1,70,330.86
To Registration and Renewal	6,505.00	By Registration	1,150.00
To Stationary	43,919.00	By Registration \$ 230	17,342.00
To Tax on Interest	305.68	By Surplus (Loss)	5,82,401.53
To Tax on interest \$ 56.95	4,290.03		
To Telephone	31,743.00		
To Transportation	10,193.00		
Total	11,84,403.22	Total	11,84,403.22

US\$ 1 = NRs. 75.40

  
Treasurer  
Rajendra Khanal

  
General Secretary  
Uttam Bol Shrestha

  
President  
Ramesh K. Aryal

  
Auditor  
Baburaja Bajracharya

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- \* Detailed Engineering, Tendering, and Contract Negotiation
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- \* Project Management
- \* Socio-Economic and Environmental Studies



**22nd GENERAL BODY MEETING OF NEPAL GEOLOGICAL SOCIETY**

वाइसौ वार्षिक साधारणसभामा छलफल भएका प्रस्ताव तथा निर्णयहरु

1. The amount to be allocated for the land and building fund from the existing amount Rs. 26,00,000.00. Proposed amount for land and building fund Rs.15,00,000.00
2. About establishing Gold Medal to TU top student in Geology.
3. Membership fee increase.
4. Others

समाजका महासचिव श्री उत्तमबोल श्रेष्ठले Life Member/ Associate Member को लागि लाग्ने सदस्यता शुल्क बृद्धि गर्ने सम्बन्धमा राख्नु भएको प्रस्तावमा छलफल हुँदा समाजका सम्माननीय सदस्य श्री माधव राज पाण्डेले धेरै भन्दा धेरै व्यक्तिलाई समाजको सदस्य बनाउन पहल गर्नु राम्रो हुने भएकोले हाललाई सदस्यता शुल्क बृद्धि गर्न नहुने राय पेश गर्नु भएकोमा समाजका अर्का आजीवन सदस्य श्री निरेन्द्रध्वज मास्केले त्यसको समर्थन गर्दै अन्य समाजको उदाहरण दिँदै त्यस्ता समाजमा लामो समय देखि सदस्यता शुल्क यथावत् रहेको जानकारी गराउनु भयो । यस सम्बन्धमा अर्का सदस्य श्री भरतमणि ज्ञवालीले

अमेरिकामा डलरको अबमूल्यन नभएको तर नेपाली मुद्राको पटक पटक अबमूल्यन भएको हुँदा सदस्यता शुल्क बृद्धि गर्नु पर्ने सुझाव दिनु भयो ।

यसै गरी छलफलको क्रमलाई अघि बढाउने क्रममा समाजका सम्माननीय सदस्य श्री माधव राज पाण्डेले केही भूवैज्ञानिकहरु बेरोजगार भएको अवस्थामा सदस्यता शुल्क बृद्धिले भन्न असर पाउँछ कि भन्ने कुरामा अर्का आजीवन सदस्य श्री गोविन्द शर्मा पोखरेलले त्यस्ता बेरोजगारको हकमा सदस्यता शुल्क मिनाहा हुनुपर्ने राय पेश गर्नु भयो । त्यस पछि अर्का आजीवन सदस्य श्री सत्य नारायण भा. ले आजीवन सदस्यको लागि रु. ५०० मात्र बृद्धि गर्नु पर्ने सुझाव दिनु भयो भने अर्का आजीवन सदस्य श्री विश्वमान प्रधानले आजीवन सदस्यताको लागि रु. २,०००, साधारण सदस्यताको लागि वार्षिक रु. २५० र सह-सदस्यताको लागि वार्षिक रु. १०० गर्नु उचित हुने राय व्यक्त गर्नु भएकोमा बैठकले सोको अनुमोदन गर्‍यो ।

छलफलको कार्यक्रम समाप्त भए पछि अन्त्यमा समाजका उपाध्यक्ष श्री वासुदेव खरेलले ने. भौ. स. का. का. स. का तर्फबाट धन्यवाद ज्ञापन गर्नु भएको थियो ।

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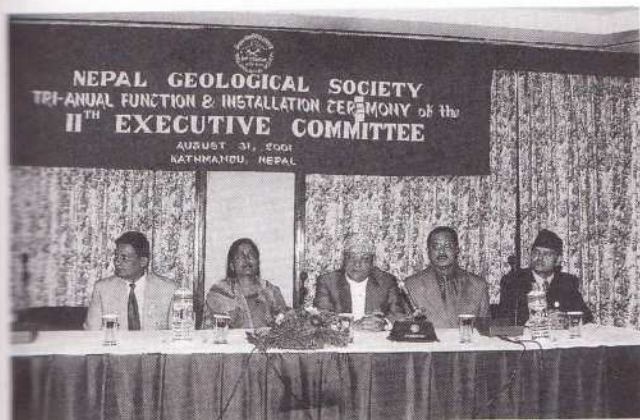
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## TRI-ANNUAL MEETING AND OFFICE HANDOVER CEREMONY OF NEPAL GEOLOGICAL SOCIETY

Tri-annual Meeting and Office Handover Ceremony of Nepal Geological Society was organized in Hotel Himalaya, Lalitpur in the evening of 31 August, 2001. Most of the members of the society were present on this occasion. Hon. Madam Chitra Lekha Yadav,

Deputy Speaker of the House of Representatives was the Chief Guest of the ceremony. The meeting was conducted under the chairmanship of Mr. Mahesh Man Shrestha, Secretary, Ministry of Science and Technology.



*Inaugural Ceremony of the Tri-annual Function and Installation Ceremony of the 11<sup>th</sup> Executive Committee of Nepal Geological Society.*



*Handover of the Society Logo by Mr. R. K. Aryal, outgoing President to Mr. P. S. Tater, newly elected President.*

### Welcome speech By Mr. R. K. Aryal, outgoing President of Nepal Geological Society on the occasion of the Tri-annual meeting

Respected Chairman, Mr. Mahesh Man Shrestha, Secretary, Ministry of Science and Technology,  
Hon. Chief Guest, Madam Chitra Lekha Yadav, Deputy Speaker, House of Representative,  
Honorary Members of Nepal Geological Society,  
Former President of NGS,  
Fellow Members,  
Distinguished Guests, and  
Ladies and Gentlemen,

It is my great pleasure to welcome all of you in this grand Tri-annual function of Nepal Geological Society.

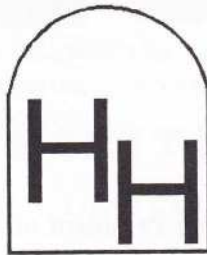
Let me also take this opportunity to express our sincere gratitude to Honorable Madam Chitra Lekha Yadav, Deputy Speaker, House of Representatives for accepting our invitation to be the Chief Guest and for spending her valuable time with us in this evening. We are equally thankful to Mr. Mahesh Man Shrestha, Secretary, Ministry of Science and

Technology for accepting our invitation to be the Chairman of this ceremony. Mr. Chairman and Honorable Chief Guest, we are honored by your gracious presence here in this evening and greatly appreciate your goodwill shown towards Nepal Geological Society.

At the outset, let me congratulate all the newly elected members of the 11th Executive Committee of Nepal Geological Society. I wish you very successful term of office. I am fully confident that during your tenure the society will attain new horizon of achievements and prestige.

Nepal Geological Society attaches great importance to this Tri-annual function as we review the achievements and shortcomings of three years' activities of the society. In this meeting the newly elected executive committee proposes its future activities and takes oath of the office in the presence of our distinguished guests and members of the society.

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to  
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Mr. Chairman,

Nepal Geological Society has completed 21 years of its establishment. Within this short period, the Society with 39 members at the start has gained its strength of more than 300 geoscientist from Nepal and abroad. Today, the Nepal Geological Society is recognized not only in this region of SAARC countries but also equally in the geoscientific communities of the world over. It is purely a scientific professional society committed to the development of the geological science and thereby the development of the nation.

In any country professional scientific societies play vital roles in various aspects of national development. They are the leaders of their field and represent the respective scientific community rather than other regular non-government organizations (NGOs) and trade unions. However, in Nepal under the existing act there is no difference between the professional scientific societies and regular NGOs or trade unions. So we think they are not adequately taken care and given due recognition to their professional capabilities and integrity by the government. In this aspect we feel that the country needs a separate act or legal provision to govern the scientific societies. Such societies must be preferably registered under the Ministry of Science and Technology under the New Act.

The importance of the geosciences in the development of the country does not need any elaboration in this August gathering. We know that all the infrastructures such as roads, dams, tunnels, bridges etc. need geoscientific input at all time, starting from investigation to planning, designing, and implementing the project. On the other hand, geoscientific inputs are equally important in the development of mineral and water resources, environmental protection studies, mitigation of natural hazards, reduction of man made hazards etc. However, geoscientific inputs are not given due importance by our planner, designers as well as beaurocats of the country. This is clearly indicated by the absence of geoscientists in many of the governmental organizations responsible for infrastructure development, environmental protection, development of science and technology etc. such as Dept. of Roads, Ministry of Population and Environment, Ministry of Science and Technology, Dept. of Soil and Water Conservation etc. Therefore, in this forum I would like to request Respected Chairman, and Honorable Chief Guest to realise the problem and provide proper forum for the geoscientists. I assure you, involvement of geoscientists in such organization will help to minimize the project cost and give higher sustainability to the projects.

Mr. Chairman,

Now I would like to mention some of the major activities that were completed during our tenure.

I feel proud to inform at this August gathering that the Nepal Geological Society (NGS) had successfully organized an **International Symposium on Engineering Geology, Hydrogeology and Natural Disasters with Emphasis on Asia** from 28 to 30 September 1999. It was supported by the International Association for Engineering Geology and the Environment (IAEG) and endorsed by various International and National organizations.

**His Majesty the Late King Birendra Bir Bikram Shah Dev** graciously inaugurated the Symposium. **Her Majesty the Late Queen Aiswarya** also graced the occasion.

The Symposium was attended by 419 geo-scientists from 34 countries of five continents and the SAARC region.

A total of 185 scientific research/working papers including six key-note addresses were presented in the symposium. The society has already published the proceedings of the symposium in its special volume **Journal of Nepal Geological Society (Special Issue) Vol. 22, in December, 2000.**

On the occasion, His Majesty the late King conferred upon the Honorary Membership of the Nepal Geological Society to the two distinguished geoscientists; **Prof. Dr. K. Kizaki** from Japan and **Mr. M. R. Pandey**, from Nepal for their valuable contribution to research and development of geosciences in the Himalayas.

For the successful organization of the symposium, **His Majesty the late King Birendra Bir Bikram Shah Dev** on the occasion of his 55th birth day decorated, myself, the President and Mr. Krishna Prasad Kaphle, Former President of the Society with **Prabal Gorkha Daksin Bahu**. This, I think, is the recognition of the scientific contribution of the society at the highest level. The Society is very grateful to **His Majesty the late King Birendra Bir Bikram Shah Dev** for kind gesture shown towards the society.

Another important activity of the Society is the observance of the IDNDR-Day. The UN General Assembly in 1989 declared the decade of 1990-2000 as the International Decade for Natural Disaster Reduction, and the second Wednesday of October every year as the IDNDR-Day. Since the beginning of the Decade, the Society has been observing the IDNDR-Day by organizing meetings and seminars.



Nepal Geological Society is the first institution in Nepal that envisaged the IDNDR ideas and started working towards achieving the Decade's goal. It constituted a permanent body within the Society, the NGS-IDNDR Council to promote IDNDR message within its members and outside. Throughout the Decade, the Society observed the IDNDR-Day by observing one day national meeting cum-seminar on UN declared theme for each year, in collaboration with the Ministry of Home, DPTC, UNDP and Lutheran World Federation.

In recognition of efforts of Nepal Geological Society to spread the ideas of IDNDR in Nepal, the jury of 1998 UN Sasakawa Disaster Prevention awarded the Society the **1998 -Meriteous Certificate** for the Disaster Prevention. We are thankful to UN Humanitarian and Emergency Relief Coordination Office of IDNDR Secretariat in Geneva for recognizing our efforts. Similarly, HMG/Ministry of Home, in recognition of Society's effort in disseminating the scientific knowledge and spreading the awareness of prevention of the natural disaster in Nepal, also decorated the coordinator of the NGS-IDNDR Council, Mr. A. M. Dixit, Mr. Krishna Prasad Kaphle, Former President, Prof. Dr. B. N. Upreti, Former President, Mr. U. B. Shrestha, Secretary NGS and myself with **Daivi Prakop Udhar Padak** on the auspicious occasion of the birthday of **His Majesty the Late King Birendra Bir Bikram Shah Dev**.

Mr. Chairman,

The society gives very high priority in the publication of its scientific journal and bulletin. The Journal of Nepal Geological Society is one of the very few regular scientific journals being published from Nepal. Internationally, it has a good reputation as a scientific journal and is being subscribed by many national and international libraries and individuals. During the tenure of our executive committee, we have published 5 volumes of the journal including the special issues (Vol. 18, 20 and 22). The journals were published in time and we have tried our best to maintain a high professional standard. I would like to thank the members of the Editorial Board and the Scientific Subcommittee members for the timely publication of the Journals and the Bulletins.

Apart from this, as a regular programme, the Society organized a series of Lecture / Talk programme from national Geoscientists and foreign geo-scientists.

I am pleased to inform you that Nepal Geological Society is going to organize **Third Nepal Geological Congress** in

Kathmandu, Nepal, on 26-28 September, 2001. I believe that the themes of the proposed congress are very much related and relevant to the Nepalese context.

For your kind information till to date we have received the conformation of participation of more than 250 geoscientists from 16 countries. We are very keen to make this congress a grand success, which would definitely contribute a great deal to the knowledge on of Regional Geology and Tectonics of the Nepal Himalayas, Engineering Geology and Natural Disasters and ultimately to the development of the nation.

I am happy to announce here that the Nepal Geological Society has decided (in 2057) to confer Honorary Membership of the Society to two eminent geo-scientists, Prof. Dr. K. S. Valdiya, from India and Dr. Patrick Le Fort, from France, for their remarkable contribution towards the development of geosciences in the Himalayas.

Professor Valdiya is presently a Bhatnagar Research Fellow at the Jawaharlal Nehru Center for Academic Scientific Research, Bangalore, India and Dr. Le Fort is presently the Scientific and Development Councillor, Embassy of the Republic of France in South Africa. Both of these scientists will be conferred upon the Honourary Membership of the Society during the inaugural ceremony of the Third Nepal Geological Congress.

Mr. Chairman,

I am thankful to all of our well wishers and friends who have so consistently helped us in our endeavors. Without their constant help and cooperation we could not have achieved what I have mentioned above. We are thankful to the Department of Mines and Geology for not only providing space to run the office but also for the logistics and other facilities at the time of need. We are grateful to the Director General Mr. Nanda Ram Sthapit for this kind gesture towards the Society.

The 10th Executive Committee would like to extend its sincere thanks to the national and international organizations, consulting firms, and mineral based industries for their help and cooperation. We are particularly thankful to ICIMOD, UNDP/Nepal, Lutheran World Federation, German Geological Advisory Team (DMG/BGR). The consulting firms have been always so kind and helpful towards us that whenever the society has approached them for the financial help and co-operation, they have always supported us. They have in fact become a part of our family. It is my duty to thank them here once again.



The Department of Irrigation, Groundwater Resources Development Project, Nepal Electricity Authority, Electricity Development Center, Tribhuvan University, Petroleum Exploration Promotion Project, and Ministry of Industry are also always at the front to offer every help to the society. I am pleased to express our sincere thanks to all these organizations.

I was very fortunate to work with a very dedicated and hard working team of colleagues. Without their constant effort we could not have reached this stage. I would fail in my duty if I do not acknowledge their hard work and support. In addition I would like to express my sincere thanks to the

members of the society who have worked in the various committees constituted by the Executive Committee and without whose dedicated work many of the activities would have been unthinkable.

There may have been short comings too, while working for such a long tenure. So, as the President of the society, I must take responsibility for all the shortcomings for which I sincerely extend my apology.

With this I complete my few words, welcoming you once again.

Thank you all.

### **Speech by Mr. P. S. Tater, Newly Elected President of Nepal Geological Society**

Mr. Chairman, Mahesh Man Shrestha, Secretary, Ministry of Science and Technology,  
Honourable Chief Guest, Madam Chitra Lekha Yadav, Deputy Speaker of the House of Representatives,  
Ex-Presidents and dear fellow members, Nepal Geological Society,  
Media Personel,  
Ladies and Gentlemen,

On behalf of all the members of newly elected Executive Committee, I take this opportunity to express our hearty gratitude to all the members of the Nepal Geological Society for electing us to the Eleventh Executive Committee.

Let me take this opportunity to express our sincere gratitude to the Hon'ble Chief Guest, Deputy Speaker of the House of Representative, Madam Chitra Lekha Yadav for her gracious presence in the function despite her busy schedule. We are equally thankful to Mr. Mahesh Man Shrestha, Secretary, Ministry of Science and Technology for being with us and accepting our invitation to become the chairman of this function,

I would like to thank the out-going Executive Committee, and all the Ex-Presidents of NGS whose vision and hard work were instrumental in developing Nepal Geological Society to this height.

I would like to assure all the members that we, newly elected Executive Committee members shall work hard to continue the traditions of this society in identifying new areas and programs to assist in the national development. And we shall definitely project the image of this society not

only within the country but also internationally including the SAARC region.

Mr. Ramesh Kumar Aryal, the out-going President, has already highlighted the past activities of the society. Let me take this opportunity to briefly outline the programs that the newly elected Executive Committee would like to implement during its term in the office.

I would like to stress here that the Nepal Geological Society is purely a Professional Scientific Society committed to the development of geological science and thereby contribute to the national development of the country. It is run and led by responsible scientists and professionals.

Mr. Chairman,

Our main objectives are the following:

- a) To take the task of disseminating the application of geo-scientific knowledge from the grass root level to the policy making level. For this, we plan to organize workshop/seminar in Village/Municipality and District Development Committee levels so that the HMG Nepal, policy of local governance is duly assisted and that the people can be aware of the application of the geo-scientific knowledge in the upliftment of their living standards by constructing appropriate irrigation facilities, road, safe building, drinking water projects and protection of lives and properties from landslides etc.
- b) As we know that any profession can advance if and only if it has an adequate reserve of talent and energetic

cadre. Therefore, in order to attract young and bright students into the field of geo-science, we would work to establish a scholarship fund to support the students of geology in achieving higher educational qualification, i.e. Master of Science. For this, I, on behalf of the Eleventh Executive Committee invite all the NGS members and its well wishers to contribute generously in this scholarship scheme.

- c) There are many young energetic but unemployed geoscientist in the country looking for the right job. As we know that scope of Geo-Science application is very wide where geo-scientist can give their valuable contribution in minimizing the risk of natural disaster, besides exploring, assessing and managing the natural resources of the country. Therefore, the 11<sup>th</sup> Executive Committee is willing to assist the government and private sector in exploring the ways to incorporate the geo-scientific inputs in the nation building and thus creating the job opportunity for the young geoscientists.
- d) We shall continue and maintain high standards in all the regular activities of the society such as publication of the Journal, Bulletin, Proceedings of Seminars, organization of thematic lectures and training program, advocacy for the better use of natural resources and preservation of environment, responding to the natural disasters etc. The Executive Committee strongly seeks your full co-operation and participation to undertake these activities successfully.
- e) The Executive Committee will give continuity to the Professional Exchange program signed with High Line Community College at Des Moines, Washington, USA and Memorandum of Understanding signed with Geological Society of Thailand. I like to invite young energetic Geo-Scientist to take full advantage of these

programs. And moreover we will likewise find out more exchange and joint research program through different universities and organization .

Mr. Chairman,

As you all know that we are running this society with the help of membership fees and donation only, we have financial constraints. To organize International Scientific events like Geological Congress, which is the third in series held every three years, we need considerable financial resources. We must thank all the organization, institutes and individuals who understood the value of such work and sponsored in the past. We are organizing Third Geological Congress which is going to be held on 26-28, September 2001. I am sure all of our well wishers will again support generously as they did in the past.

Nepal Geological Society wishes to further strengthen its relationship with the government organizations, international organizations, NGOs, INGOs and other professional societies, so that the co-operation can be continued on for sustainable development of Nepal.

We do hope that the government organization, National and International agencies, Engineering and Geotechnical Consulting firms will continue their support as in the past.

Mr. Chairman,

The valued presence of all of you here in this august gathering provides us the encouragement. We are looking for your opinion, advice, guidance and comments formally or informally. We will always be ready for any dialogue and communication for the application of geological knowledge in the development of the Nation and the benefit of Nepalese people.

Thank you all.





## ***“Mountain Hazard Research and Mitigation”***

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Blue Star Hotel, Kathmandu, Nepal

Monday 18<sup>th</sup> to Friday 22<sup>nd</sup> November 2002

**Organised by**

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